

Converting Colors

$Yxy(46.9472, 0.3702, 0.3292)$

Have a look what the booklet for
Yxy(46.9472, 0.3702, 0.3292)
contains.

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Color

Yxy(46.9214, 0.3703, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	E4A7A7
RGB	228, 167, 167
RGB Percent	89%, 65%, 65%
CMY	0.1060, 0.3450, 0.3451
CMYK	0.00, 0.27, 0.27, 0.11
HSL	0°, 53%, 77%
HSV	0°, 27%, 89%
XYZ	52.7794, 46.9214, 42.8307
YIQ	185.2390, 36.3560, 12.9320

Conversions

Conversions Part 2

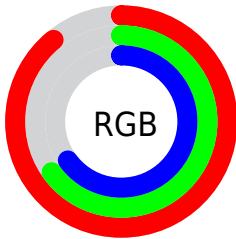
Format	Color
R _{YB}	228, 167, 167
Decimal	14985127
CIE Lab	74.14, 22.44, 8.87
CIE LCh	74, 24.130, 21.570
Yxy	46.9214, 0.3703, 0.3292
Android (android.graphics.Color)	4293175207 (0xFFE4A7A7)
YUV	185.2390, -8.9918, 37.5014
Hunter-Lab	68.4992, 17.6628, 10.8770

Details

The Yxy color $46.9214, 0.3703, 0.3292$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $69.2652, 0.2737, 0.3289$, and the grayscale version is $48.6918, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7765, 0.3365, 0.3291$, and $22.1572, 0.3866, 0.3292$ is the 20% darker color. If you saturate the color by 10%, you get $38.5261, 0.4021, 0.3293$, and if you desaturate by 10%, it is $56.9405, 0.3446, 0.3291$.

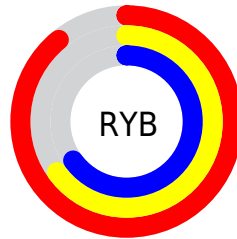
Distribution



Red (89%)

Green (65%)

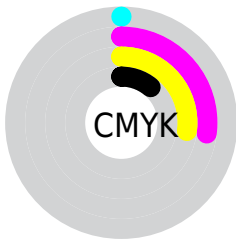
Blue (65%)



Red (89%)

Yellow (65%)

Blue (65%)

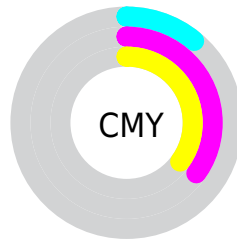


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (11%)



Cyan (11%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9214, 0.3703, 0.3292 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 46.9214, 0.3703, 0.3292 by changing the saturation by 10% instead.


 46.9214, 0.3703,
0.3292


 46.9214, 0.3703,
0.3292

374.5007, 0.3413,
0.3297

 32.9735, 0.3776,
0.3289


 85.5963, 0.3597,
0.3295

 22.1062, 0.3870,
0.3285


 111.0921, 0.3558,
0.3296

 13.9349, 0.3995,
0.3277


141.2060, 0.3524,
0.3296

 8.0754, 0.4171,
0.3262

176.3224, 0.3495,
0.3296

 4.1432, 0.4432,
0.3234

216.8256, 0.3471,
0.3297

 1.7540, 0.4860,
0.3171

263.1002, 0.3449,

 0.4583, 0.6839,

0.3297

0.3161

315.5304, 0.3430,
0.3297

0.0000, 0.0000,
0.0000

46.9214, 0.3703,
0.3292

46.9214, 0.3703,
0.3292

38.5261, 0.4021,
0.3293

56.9405, 0.3446,
0.3291

31.6631, 0.4406,
0.3294

68.6557, 0.3241,
0.3290

26.2418, 0.4854,
0.3296

82.1427, 0.3078,
0.3290

22.1596, 0.5335,
0.3297

95.2280, 0.2964,
0.3290

19.3000, 0.5794,
0.3298

■ 17.5271, 0.6154,
0.3299

■ 16.6676, 0.6356,
0.3300

■ 16.4903, 0.6400,
0.3300

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.9214, 0.3443, 0.3029



46.9214, 0.3703, 0.3292



46.9214, 0.3799, 0.3568

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.9214, 0.3703, 0.3292



46.9214, 0.3122, 0.3815



46.9214, 0.2571, 0.2781

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.9214, 0.3703, 0.3292



69.2652, 0.2737, 0.3289

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.9214, 0.2498, 0.2958



46.9214, 0.3703, 0.3292



46.9214, 0.2805, 0.3569

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.9214, 0.3703, 0.3292



46.9214, 0.3452, 0.3893



46.9214, 0.2581, 0.3245



46.9214, 0.2787, 0.2741

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.9214, 0.3703, 0.3292



46.9214, 0.3756, 0.3728



46.9214, 0.2581, 0.3245



46.9214, 0.2530, 0.2825

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.9236, 0.3703, 0.3292



86.4284, 0.3266, 0.3291



49.7227, 0.3158, 0.2626



17.9885, 0.3295, 0.3291



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.9236, 0.3703, 0.3292



54.3482, 0.3868, 0.3293



59.4281, 0.3613, 0.3637



14.3691, 0.3293, 0.3291



9.5261, 0.6400, 0.3300



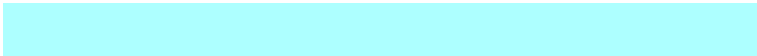
0.7043, 0.6399, 0.3301

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.2652, 0.2737, 0.3289



87.6454, 0.2668, 0.3288



53.9646, 0.2701, 0.2915



16.3352, 0.2982, 0.3289



35.2411, 0.2246, 0.3286



2.6046, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 46.9214, 0.3703, 0.3292 looks on a white background.

Color Contrast Check

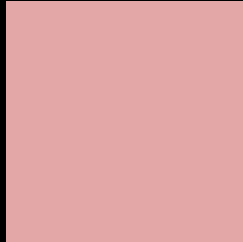
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 46.9214, 0.3703, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.9214, 0.3703, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 46.9214, 0.3703, 0.3292.



This preview shows how white text looks on a background with the Yxy color 46.9214, 0.3703, 0.3292.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.9214, 0.3703, 0.3292

Protanopia

47.2424, 0.3235, 0.3381

Deuteranopia

47.0327, 0.3501, 0.3427



Tritanopia

46.7826, 0.3613, 0.3142

Trichromacy



Original Color

46.9214, 0.3703, 0.3292

Protanomaly

47.1193, 0.3401, 0.3353

Deuteranomaly

47.0874, 0.3574, 0.3376

Tritanomaly

46.9864, 0.3649, 0.3199

Monochromacy



Original Color

46.9214, 0.3703, 0.3292

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.4726, 0.3330, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9214, 0.3703, 0.3292 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(228, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(228, 167, 167)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(228, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 167, 167) }
```

Border

The CSS property to change the border of an element to Yxy 46.9214, 0.3703, 0.3292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 167, 167) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(228, 167, 167) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(228, 167, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 167, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 167, 167); box-shadow:4px 4px 4px 4px rgb(228, 167, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9214, 0.3703, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 167, 167) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(228,  
167, 167) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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